

EVALUATION FORM FOR INTERCHANGE LIGHTING (NEW ALIGNMENT)							LIGHTING FORM 4		
CLASSIFICATION FACTOR	RATING					UNLIT WEIGHT (A)	LIGHTED WEIGHT (B)	DIFF (A-B)	RATING X(A-B)
	1	2	3	4	5				
GEOMETRIC FACTORS									
RAMP TYPES	DIRECT	DIAMOND	BUTTON HOOK CLOVERLEAF	TRUMPET	SCISSOR & LEFTSIDE	2.0	1.0	1.0	
CROSS ROAD CHANNELIZATION	NONE	-----	CONTINUOUS	-----	AT INTERCHANGE INTERSECTION	2.0	1.0	1.0	
FRONTAGE ROADS	NONE	-----	ONE WAY	-----	TWO WAY	1.5	1.0	0.5	
FREEWAY LANE WIDTH	>12'	12'	11'	10'	<10'	3.0	2.5	0.5	
FREEWAY MEDIAN WIDTH	>40'	34'-40'	12'-23'	4'-11'	<4'	1.0	0.5	0.5	
NUMBER OF FREEWAY LANES	≤4	-----	6	-----	≥8	1.0	0.8	0.2	
MAIN LANE CURVES	<½°	1-2°	2-3°	3-4°	>4°	13.0	5.0	8.0	
GRADES	<3%	3.0-3.9%	4.0-4.9%	5.0-6.9%	≥7%	3.2	2.8	0.4	
SIGHT DISTANCE CROSS ROAD INTERSECTION	>1,000'	700'-1,000'	500'-700'	400'-500'	<400'	2.0	1.8	0.2	
						GEOMETRIC TOTAL			
OPERATIONAL FACTORS									
LEVEL OF SERVICE (ANY DARK HOUR)	A	B	C	D	E	6.0	1.0	5.0	
						OPERATIONAL TOTAL			
ENVIRONMENTAL									
% DEVELOPMENT	NONE	1 QUAD	2 QUAD	3 QUAD	4 QUAD	2.0	0.5	1.5	
SET BACK DISTANCE	>200'	150'-200'	100'-150'	50'-100'	<50'	0.5	0.3	0.2	
CROSS ROAD APPROACH LIGHTING	NONE	-----	PARTIAL	-----	COMPLETE	3.0	2.0	1.0	
FREEWAY LIGHTING	NONE	-----	INTERCHANGE ONLY	-----	CONTINUOUS*	5.0	3.0	2.0	
						ENVIRONMENTAL TOTAL			
* COMPLETE LIGHTING WARRANTED	GEOMETRIC TOTAL = _____ OPERATIONAL TOTAL = _____ ENVIRONMENTAL TOTAL = _____ SUM = _____ POINTS COMPLETE LIGHTING WARRANTING CONDITION = <u>65</u> POINTS PARTIAL LIGHTING WARRANTING CONDITION = <u>35</u> POINTS								

